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(71) Applicant: ACTV, INC. [US/US]; Suite 2401, Rockefeller Center, 1270 Avenue of the Americas, New York, NY 10020

(72) Inventors: FREEMAN, Michael, J.; 6B Blue Seas Lane, Kings Point, NY 11024 (US). HARPER, Gregory, W.; 410 East 50th Street, New York, NY 10022 (US). DEO, Frank, P.; 37 Sandhill Road, Kendall Park, NJ 08824 (US).

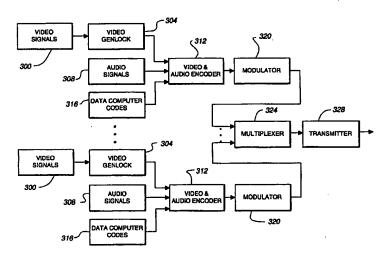
(74) Agents: DOYLE, Scott, W. et al.; Dorsey & Whitney LLP, Suite 4400, 370 Seventeenth Street, Denver, CO 80202-5644 (US).

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(54) Title: COMPRESSED DIGITAL-DATA SEAMLESS VIDEO SWITCHING SYSTEM



## (57) Abstract

An interactive cable television system is disclosed which utilizes a standard cable television distribution network for simultaneously providing a plurality of viewers with an interactive television program comprising a plurality of signals related in time and content. Video signals are transmitted in a digital format, more than one signal being multiplexed onto a data stream on a single channel. The video signals may be compressed for efficiency. A receiver, in conjunction with a signal selector, selects a particular NTSC channel for playback, then selects a particular video signal from the data stream, and decompresses the video signal for playback. Seamless switching between video signals on different channels is provided. An alternative embodiment is disclosed wherein the various signals which comprise the interactive program are switched at the head end rather than at the receiver. The multiple choice control unit selects a desired signal by relaying the multiple choice selections of the user through a relay box back to a remotely located switching station. The switching station routes the correct video signal down the appropriate cable channel for the particular user.